# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 389 | 712/32.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/13 15:25 |
| L2 | 2 | 712/32.ccls. and ((statistical probabalistic) near3 (signal data information) near3 (processor processing)) and ((continuous$1time analog) near3 (delay near3 (element circuit component section module)) filter) and (((computational computing summer summing integrating integration differenetiating subtracting subtration adding arithmetic mathematical mathematic arithmetical) near3 (element circuit component section module)) inverter adder subtractor divider multiplier integrator differentiator) and ((probability probabalistic statistical) near3 (result outcome density distribution function operation)) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/13 15:26 |
| L3 | 6 | g06f015/00.ipc. and ((statistical probabalistic) near3 (signal data information) near3 (processor processing)) and ((continuous$1time analog) near3 (delay near3 (element circuit component section module)) filter) and (((computational computing summer summing integrating integration differenetiating subtracting subtration adding arithmetic mathematical mathematic arithmetical) near3 (element circuit component section module)) inverter adder subtractor divider multiplier integrator differentiator) and ((probability probabalistic statistical) near3 (result outcome density distribution function operation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/13 15:28 |
| L4 | 67695 | g06f015/00.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/06/13 15:27 |
| S1 | 3 | vigoda-benjamin.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/06/12 10:53 |
| S2 | 3 | vigoda-b.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | OFF | 2006/06/07 14:07 |

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| S3 | 9 | vigoda.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/07 14:07 |
| S4 | 0 | gerschenfeld-neil.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/07 14:07 |
| S5 | 0 | gerschenfeld-n.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/07 14:07 |
| S6 | 0 | gerschenfeld.in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/07 14:08 |
| S7 | 7225 | (mit (massachusetts near3 institute near3 technology)).as. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/07 14:39 |
| S8 | 16 | ("3953674" "4667327" "5291555" "5293425" "5309199" "5394405" "5412665" "5446683" "5579337" "5612973" "5729388" "5737360" "5754603" "5968198" "6282559" "6294936").pn. | USPAT | OR | OFF | 2006/06/07 15:11 |
| S9 | 1296 | (factor near3 graph) | USPAT | OR | ON | 2006/06/07 15:50 |
| S11 | 105 | ((signal data information) near3 (processor processing)) and ((time near3 delay near3 (component element module part portion section circuit)) filter ((lo$1pass low$1pass band$1pass) near3 filter)) and ((computational near3 element) adder summer differentiator integrator) and (((signal data information) near3 (component element module part portion section circuit)) near3 (probability (probability near3 distribution))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/08 07:05 |
| S12 | 490 | ((signal data information) near3 (processor processing)) and (soft near3 (gate logic)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/08 07:04 |

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|---|---|---|---|---|---|---|
| S14 | 455 | ((signal data information) near3 (processor processing) near3 (apparatus device appliance)) and (hidden near3 markov) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 07:37 |
| S15 | 143 | ((signal data information) near3 (processor processing) near3 (apparatus device appliance)) and (hidden near3 markov) and (probability with (state status condition)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 07:32 |
| S16 | 74 | ((signal data information) near3 (processor processing) near3 (apparatus device appliance)) and (analog (continuous$1time)) and (hidden near3 markov) and (probability with (state status condition)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 07:33 |
| S18 | 38 | ((signal data information) near3 (processor processing)) and ((computational computing) near3 (element section portion part component module)) and ((dynamic dynamically) near3 (programming reprogramming)) and ((probability probabilistic) near3 (operation function)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 07:47 |
| S20 | 8870 | ((signal data information) near3 (processor processing)) and ((continuous$1time near3 delay near3 (element component part portion section module circuit)) filter) and ((computing computational) near3 (element component part portion section module circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 07:53 |
| S21 | 1641 | ((signal data information) near3 (processor processing)) and ((continuous$1time near3 delay near3 (element component part portion section module circuit)) ((lo$1pass low$1pass band$1pass) near3 filter)) and ((computing computational) near3 (element component part portion section module circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 07:05 |
| S26 | 37 | ((signal data information) near3 (processor processing)) same ((time$1variable time$1varying) near3 signal) same delay | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/08 08:09 |
| S44 | 89 | ((belief near3 propagation) near3 (program algorithm software firmware)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 09:55 |

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|---|---|---|---|---|---|---|
| S45 | 7 | (signal adj processing adj (apparatus device component element portion part section)) and ((plurality plural several multiple many numerous multiplicity) with (((continuous$1time) adj delay adj (element section portion part circuit component module)) ((lo$1pass band$1pass low$1pass) adj filter))) and ((plurality plural several multiple many numerous multiplicity) with (((continuous$1time) adj (computational calculation calculating computing) adj (element section portion part circuit component module)) summer adder integrator inverter subtractor multiplier differentiator)) and ((probability probabalistic) near3 (distribution density)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB | OR | ON | 2006/06/12 08:52 |
| S46 | 4 | ("4536881" \| "4734921" \| "5111416" \| "5268949").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 09:54 |
| S47 | 46 | ("5446683").URPN. | USPAT | OR | ON | 2006/06/12 09:55 |
| S48 | 6 | ("4649549" \| "5101416" \| "5243622" \| "5291555" \| "5293425" \| "5357541").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:51 |
| S49 | 6 | ("5579337").URPN. | USPAT | OR | ON | 2006/06/12 08:51 |
| S50 | 3 | ("4611333" \| "5291555" \| "5293425").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:51 |
| S51 | 5 | ("5612973").URPN. | USPAT | OR | ON | 2006/06/12 08:51 |
| S52 | 6 | ("3705758" \| "4632518" \| "5291555" \| "5293425" \| "5379144" \| "5457559").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:51 |
| S53 | 2 | ("5729388").URPN. | USPAT | OR | ON | 2006/06/12 08:51 |
| S54 | 7 | ("5291555" \| "5293425" \| "5394405" \| "5412665" \| "5446683" \| "5579337" \| "5612973").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:51 |
| S55 | 1 | ("5737360").URPN. | USPAT | OR | ON | 2006/06/12 08:51 |
| S56 | 3 | ("5163070" \| "5181225" \| "5440597").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:52 |
| S57 | 7 | ("5754603").URPN. | USPAT | OR | ON | 2006/06/12 08:52 |
| S58 | 4 | ("4374335" \| "5059814" \| "5764559" \| "6058411").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:52 |
| S59 | 4 | ("6282559").URPN. | USPAT | OR | ON | 2006/06/12 08:52 |
| S60 | 12 | ("5249199" \| "5263055" \| "5334952" \| "5488627" \| "5491458" \| "5610955" \| "5631920" \| "5651035" \| "5659587" \| "5731727" \| "5736893" \| "5986512").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/12 08:52 |
| S61 | 5 | ("6294936").URPN. | USPAT | OR | ON | 2006/06/12 08:52 |

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|---|---|---|---|---|---|---|
| S62 | 21 | (S46 S47 S48 S49 S50 S51 S52 S53 S54 S55 S56 S57 S58 S59 S60 S61) and ((signal adj processing adj (apparatus device component element portion part section)) ((plurality plural several multiple many numerous multiplicity) with (((continuous$1time) adj delay adj (element section portion part circuit component module)) ((lo$1pass band$1pass low$1pass) adj filter))) ((plurality plural several multiple many numerous multiplicity) with (((continuous$1time) adj (computational calculation calculating computing) adj (element section portion part circuit component module)) summer adder integrator inverter subtractor multiplier differentiator)) and ((probability probabalistic) near3 (distribution density)) ((belief adj propagation) (sum$1product)) ((soft fuzzy) adj (logic gate circuit))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 09:09 |
| S63 | 13 | ((probabalistic statistical) with (signal near3 processing near3 (apparatus device component element portion part section))) and (((probability probabalistic) near3 (distribution density)) ((belief adj propagation) (sum$1product)) ((soft fuzzy) adj (logic gate circuit))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 09:14 |
| S64 | 16 | soliton near3 delay | USPAT | OR | ON | 2006/06/12 09:21 |
| S65 | 172 | (((belief near3 propagation) (sum$1product) (max$1product)) near3 (program algorithm software firmware)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 09:56 |
| S66 | 37 | (((belief near3 propagation) (sum$1product) (max$1product)) near3 (program algorithm software firmware)) and ((probability probabalistic statistical) near3 distribution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 10:33 |
| S67 | 1406 | 375/130.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 10:31 |
| S68 | 196 | 375/136.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 10:31 |
| S69 | 811 | 375/147.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 10:32 |
| S70 | 319 | 375/216.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 10:32 |

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|---|---|---|---|---|---|---|
| S71 | 809 | 702/189.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 10:32 |
| S72 | 67668 | g06f015/00.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 10:32 |
| S73 | 5584 | h04b001/69.ipc. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/12 10:33 |
| S74 | 1629 | (S67 S68 S69 S70 S71 S72 S73) and (signal near3 (processor processing)) and ((delay near3 (element component circuit)) filter) and (((computational computing) near3 (element component circuit)) adder summer integrator differentiator inverter multiplier subtractor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 10:47 |
| S75 | 58 | (S67 S68 S69 S70 S71 S72 S73) and (signal adj (processor processing)) and ((delay adj (element component circuit)) filter) and (((computational computing) adj (element component circuit)) adder summer integrator differentiator inverter multiplier subtractor) and ((probability probabalistic statistical) near3 distribution) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 10:46 |
| S76 | 92 | (S67 S68 S69 S70 S71 S72 S73) and (signal near3 (processor processing)) and ((soft fuzzy) near3 (logic gate circuit)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 10:48 |
| S77 | 25 | (soliton near3 delay) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/12 10:50 |
| S78 | 131 | 708/800.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:09 |
| S79 | 424 | 708/801.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:09 |
| S80 | 207 | 708/802.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:09 |
| S81 | 130 | 708/803.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:09 |

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|---|---|---|---|---|---|---|
| S82 | 1 | (S78 S79 S80 S81) and 702/189.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:11 |
| S83 | 1406 | 375/130.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:11 |
| S84 | 196 | 375/136.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:11 |
| S85 | 811 | 375/147.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:11 |
| S86 | 319 | 375/216.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:11 |
| S87 | 0 | (S83 S84 S85 S86) and 702/189.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/06/12 13:12 |
| S88 | 928 | ((statistical probabalistic) near3 (signal data information) near3 (processor processing)) and ((delay near3 (element circuit component section module)) filter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/13 07:36 |
| S89 | 120 | ((statistical probabalistic) near3 (signal data information) near3 (processor processing)) and ((continuous$1time analog) near3 (delay near3 (element circuit component section module)) filter) and (((computational computing summer summing integrating integration differenetiating subtracting subtration adding arithmetic mathematical mathematic arithmetical) near3 (element circuit component section module)) inverter adder subtractor divider multiplier integrator differentiator) and ((probability probabalistic statistical) near3 (result outcome density distribution function operation)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/13 13:53 |

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☐ **1. Extended object tracking with unknown association, missing observatior using particle filters**
Ikoma, N.; Godsill, S.;
Statistical Signal Processing, 2003 IEEE Workshop on
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Digital Object Identifier 10.1109/SSP.2003.1289457
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1. **Load profile estimation in electric transmission networks using independ analysis**
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Power Systems, IEEE Transactions on
Volume 18, Issue 2, May 2003 Page(s):707 - 715
Digital Object Identifier 10.1109/TPWRS.2003.811199
AbstractPlus | References | Full Text: PDF(704 KB) IEEE JNL
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2. **An introduction to statistical signal processing with applications**
Dickinson, B.W.;
Proceedings of the IEEE
Volume 68, Issue 7, July 1980 Page(s):943 - 943
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3. **An introduction to statistical signal processing with applications**
Dickinson, B.;
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Volume 27, Issue 6, Dec 1979 Page(s):660 - 661
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4. **Book reviews - An introduction to statistical signal processing with appli**
Heidbreder, G.;
Communications Magazine, IEEE
Volume 19, Issue 3, May 1981 Page(s):73 - 75
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5. **Topics in robust statistical signal processing (Ph.D. Thesis abstr.)**
Vastola, K.;
Information Theory, IEEE Transactions on
Volume 29, Issue 4, Jul 1983 Page(s):632 - 632
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6. **Review of 'An Introduction to Statistical Signal Processing with Applicati M.D., and Rajasekaran, P. K.; 1979)**
Fine, T.;
Information Theory, IEEE Transactions on
Volume 26, Issue 5, Sep 1980 Page(s):629 - 629
AbstractPlus | Full Text: PDF(128 KB) IEEE JNL
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7. **Multiscale autoregressive processes. I. Schur-Levinson parametrizations**
Basseville, M.; Benveniste, A.; Willsky, A.S.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Sig IEEE Transactions on]
Volume 40, Issue 8, Aug. 1992 Page(s):1915 - 1934
Digital Object Identifier 10.1109/78.149995
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8. **The role of abstract algebra in structured estimation theory**
Morgera, S.D.;
Information Theory, IEEE Transactions on
Volume 38, Issue 3, May 1992 Page(s):1053 - 1065
Digital Object Identifier 10.1109/18.135645
AbstractPlus | Full Text: PDF(1112 KB) IEEE JNL
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9. **Modeling and estimation of multiresolution stochastic processes**
Basseville, M.; Benveniste, A.; Chou, K.C.; Golden, S.A.; Nikoukhah, R.; Willsk
Information Theory, IEEE Transactions on
Volume 38, Issue 2, Part 2, March 1992 Page(s):766 - 784
Digital Object Identifier 10.1109/18.119735
AbstractPlus | Full Text: PDF(1700 KB) IEEE JNL
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10. **Multiscale statistical signal processing: identification of a multiscale AR sample of an ordinary signal**
Claus, B.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Sig IEEE Transactions on]
Volume 41, Issue 12, Dec. 1993 Page(s):3266 - 3274
Digital Object Identifier 10.1109/78.258072
AbstractPlus | Full Text: PDF(716 KB) IEEE JNL
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11. **Signal processing with fractional lower order moments: stable processes applications**
Shao, M.; Nikias, C.L.;
Proceedings of the IEEE
Volume 81, Issue 7, July 1993 Page(s):986 - 1010
Digital Object Identifier 10.1109/5.231338
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